

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-------|------------------|---------|------------------|
| L1    | 1695 | 438/197.ccls. or 438/299.ccls. or 438/301.ccls.   | USPAT | OR               | ON      | 2005/01/18 09:19 |
| L2    | 167  | ((buried adj layer) with (PN adj junction))   | USPAT | OR               | ON      | 2005/01/18 09:31 |
| L3    | 1    | ("5705842").PN.   | USPAT | OR               | OFF     | 2005/01/18 09:31 |
| L4    | 885  | 438/286.ccls. or 257/409.ccls.  | USPAT | OR               | ON      | 2005/01/18 09:32 |
| L5    | 449  | (438/286.ccls. or 257/409.ccls.) and (breakdown or (break adj down))  | USPAT | OR               | ON      | 2005/01/18 09:32 |
| S1    | 1632 | 438/197.ccls. or 438/299.ccls. or 438/301.ccls.   | USPAT | OR               | ON      | 2005/01/18 09:18 |
| S2    | 146  | semiconductor and drain and source and (gate adj electrode) and (gate adj insulation) and buried and (PN adj junction)                            | USPAT | OR               | ON      | 2004/10/25 18:30 |
| S3    | 2    | (high adj impurity) and (low adj impurity) and gate and ((buried adj layer) with (PN adj junction))   | USPAT | OR               | ON      | 2004/10/25 18:32 |
| S4    | 162  | ((buried adj layer) with (PN adj junction))   | USPAT | OR               | ON      | 2005/01/18 09:21 |
| S5    | 862  | 438/286.ccls. or 257/409.ccls.  | USPAT | OR               | ON      | 2005/01/18 09:32 |
| S6    | 437  | (438/286.ccls. or 257/409.ccls.) and (breakdown or (break adj down))  | USPAT | OR               | ON      | 2005/01/18 09:32 |
| S7    | 145  | (438/286.ccls. or 257/409.ccls.) and (PN adj junction)  | USPAT | OR               | ON      | 2004/10/26 18:19 |
| S8    | 7606 | ((break adj down) or breakdown) and (MOS with transistor)   | USPAT | OR               | ON      | 2004/10/26 18:20 |
| S9    | 1442 | ((((break adj down) or breakdown) and (MOS with transistor)) and (PN adj junction)  | USPAT | OR               | ON      | 2004/10/26 18:20 |
| S10   | 4713 | ((((break adj down) or breakdown) and (MOS with transistor)) and ((p adj type) or (p-type))   | USPAT | OR               | ON      | 2004/10/26 18:21 |
| S11   | 4553 | (((((break adj down) or breakdown) and (MOS with transistor)) and ((p adj type) or (p-type))) and gate  | USPAT | OR               | ON      | 2004/10/26 18:21 |
| S12   | 4204 | ((((((break adj down) or breakdown) and (MOS with transistor)) and ((p adj type) or (p-type))) and gate) and (source and drain)                   | USPAT | OR               | ON      | 2004/10/28 21:07 |
| S13   | 2481 | ((((((((break adj down) or breakdown) and (MOS with transistor)) and ((p adj type) or (p-type))) and gate) and (source and drain)) and (impurity) | USPAT | OR               | ON      | 2004/10/26 18:22 |

|     |      |   |                 |    |     |                  |
|-----|------|---|-----------------|----|-----|------------------|
| S14 | 12   | (((((break adj down) or breakdown) and (MOS with transistor)) and ((p adj type) or (p-type))) and gate) and (source and drain)) and (impurity)) and ((source or drain) with engineering)          | USPAT           | OR | ON  | 2004/10/26 18:23 |
| S15 | 1809 | (((((break adj down) or breakdown) and (MOS with transistor)) and ((p adj type) or (p-type))) and gate) and (source and drain)) and (impurity)) and ((breakdown or (break adj down)) adj voltage) | USPAT           | OR | ON  | 2004/10/28 21:01 |
| S16 | 10   | ((("5397905") or ("5313082") or ("6638827") or ("6531355") or ("6306711") or ("5521105") or ("5485027") or ("5482888") or ("5070377") or ("6489653")).PN.   | USPAT;<br>USOCR | OR | OFF | 2004/10/28 22:39 |
| S17 | 3    | ((("5397905") or ("6638827") or ("6489653")).PN.  | USPAT;<br>USOCR | OR | OFF | 2004/10/28 22:39 |